## :warning: \*\*asvz bot is no longer maintained\*\*

This repository has been archived on Dec 18th, 2023.

The ASVZ IT department has kindly asked me to discontinue this project in compliance with their [Fair Play Rules](https://asvz.ch/59666-willkommen-im-asvz#details1-fold-5492-0).

# The asvz bot

This repo contains a script to automatically enroll to ASVZ lessons

## Features

- Enroll to lesson

- based on lesson ID (for lessons visited once)

- based on sport ID, day, time, trainer, level, facility (for lessons visited periodically)

- Enroll to lesson that is already full

- Login as a member of

- ETH

- UZH

- ZHAW

- PHZH

- ASVZ

- Save your credentials locally and reuse them on the next run

- Note:

UZH, ZHAW and PHZH use SWITCH edu-ID as login (\*email\* + password).

ETH uses own login (\*nethz\* + password)

ASVZ uses own login (\*ASVZ-ID\* + password)

## Run

### Prerequisites

You need to install the following:

- [Python 3](https://www.python.org/downloads/)

- [Chrome](https://support.google.com/chrome/answer/95346) or [Chromium](https://www.chromium.org/getting-involved/download-chromium)

- [ChromeDriver](https://chromedriver.chromium.org/home)

### First time

```bash

cd src

python3 -m pip install virtualenv

python3 -m venv .venv

source .venv/Scripts/activate

python3 -m pip install -r requirements.txt

python3 asvz\_bot.py -h

```

Move the ChromeDriver extracted folder to src\.venv\Include\

### After the first time

```bash

cd src

source .venv/Scripts/activate

python3 asvz\_bot.py -h

```

### Change input.jason file

[

{

"organisation": "ETH",

"username": "andreaci",

"password": "!2Mch4U!aint",

"proxy": null,

"save\_credentials": true,

"type": "training",

"weekday": "Tu",

"start\_time": "08:00",

"trainer": "",

"facility": "Sport Center Polyterrasse",

"sport\_id": 45686

}

]

Where codes are:  
 45686 = Muscle Pump

45637 = Boxing

45645 = Cycling

45675 = Kondi

45705 = Swimming

…

## Docker

In order to run the script using docker, follow these two steps:

1. Install docker and docker compose (usually included) as explained on the official docker [website](https://docs.docker.com/engine/install/).

2. Configure event parameters in the `env` file. Provide the required values as described above or on the cli help. Make sure to comment out or remove any lines for values you are not using.

3. Build the image using the following command from the repository's base directory:

```bash

docker compose --env-file env up --build

```

It is possible to configure multiple `env` files for different recurring events and start the bot with the appropriate one by specifying the `--env-file`

flag as follows:

1. Copy the `env` file and name it after your desired event, using one of the following patterns: `myEvent.env` or `myEvent-env`

2. Run the bot using the following command, where you replace the file name with your actual file name:

```bash

docker compose --env-file myEvent.env up --build

```